

WHAT IS CLAIMED IS:

1. An adapter structure, suitable for use with different electricity standards, comprising:

a casing;

5 a first plug, having a pair of straight pins pivotally connecting to the casing so that the straight pins are unfolded from the casing or stored inside the casing;

a second plug, having a pair of rod-shaped pins with rear ends being respectively connect to a base, wherein the second plug is connected to a pushing button to unfold or store the rod-shaped pins inside the casing;

10 a plurality of conductors, mounted inside the casing and respectively connected to the first and second plugs, wherein each of the conductors has an outlet; and

a plurality of insertion holes, formed through one side of the casing to correspond to a pair of outlets of the conductor;

15 whereby the plugs of the adapter are respectively used in UK and EU electricity standards with a simple configuration and reduced production cost.

2. The adapter structure of claim 1, wherein a circuit board is further mounted inside the casing to connect electrically to the conductors.

3. The adapter structure of claim 1, wherein the straight pins of the first plug are stored inside a first portion of the casing and securely inserted in a connection base, a spring and a cover being pivotally mounted on each of two opposite sides of the  
20 connection base.

4. The adapter structure of claim 3, wherein a positioning sheet having two protuberances thereon is mounted in the casing, a plurality of first slots being formed on each cover so that the protuberances snap fit to the first slots.

5. The adapter structure of claim 1, wherein an undercut is formed inside each of the rod-shaped pins of the second plug, a sliding piece being detachably mounted on a rear side of the base to allow the rod-shaped pins to be slidably mounted inside the second part of the casing.

5        6. The adapter structure of claim 1, wherein the second plug further includes a rectangular ground pin that either unfolds forward or stores up inside the casing.

7. The adapter structure of claim 6, wherein the ground pin has a second slot at a rear end thereof, a first positioning member being mounted on the casing, and when the ground pin is rotated to unfold forward, the second slot of the ground pin snap fits to a  
10       second positioning member.

8. The adapter structure of claim 1, further comprising a charging unit electrically connecting to the first and second plugs.

9. An adapter structure, suitable for different electricity standards, comprising:  
a casing;

15       a first plug, having a pair of straight pins pivotally connecting to the casing so that the straight pins are unfolded from the casing or stored inside the casing;

      a second plug, having a pair of rod-shaped pins with rear ends being respectively connect to a base, wherein the second plug is connected to a pushing button enabling the second plug to move forth and back in the casing to unfold or store the rod-shaped  
20       pins inside the casing by movable fastening moves;

      a plurality of conductors, mounted inside the casing and respectively connected to the pins of the first and second plugs; and

      an output line, electrically connected to a circuit board electrically connected to the conductors, wherein one end of the output line connects to an output plug.

10. The adapter structure of claim 9, wherein the output line has a winding reel.
11. The adapter structure of claim 9, wherein the circuit board has a connector.